

Form PTO-1449 (modified)		Atty. Docket No. MSUT:008US	Serial No. 10/618,101
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Joseph R. Byrum <i>et al.</i>	
		Filing Date: July 11, 2003	Group: 1638
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
KOR	A1	5,084,082	01/28/92	Sebastian	71	.90	02/20/90
KOR	A2	5,304,728	04/19/94	Eby	800	200	06/01/93
KOR	A3	5,523,520	6/04/96	Hunsperger and Holtrop	800	200	6/24/94
KOR	A4	5,569,815	10/29/96	Eby	800	200	01/17/95
KOR	A5	5,576,474	11/19/96	Lussenden	800	200	10/06/95
KOR	A6	5,576,475	11/19/96	Matson	800	200	10/06/95
KOR	A7	5,650,552	7/22/97	Matson	800	200	5/17/96
KOR	A8	5,723,741	3/03/98	Matson and Lewis	800	200	2/12/97
KOR	A9	6,140,556	10/31/00	Conway	800	312	1/15/99
KOR	A10	6,313,380	11/06/01	Moots	800	312	1/06/00

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
KOR	C1	Allard, University of California, Davis, California, "Selection under self-fertilization," <i>Principles of Plant Breeding</i> , Published by John Wiley & Sons, New York, University of California, Davis, California, 50-98, 1960.
KOR	C2	Bernard, ed., "Evaluation of Maturity Groups I and II of the U.S.D.A. Soybean Collection," pp. 1-3, 58-59, September 1966.
KOR	C3	Bernard, ed., "Evaluation of Maturity Groups III and IV of the U.S.D.A. Soybean Collection," pp. 1-3, 5a-5d, 8a-8d, 9a-9d, 14a-14d, 17a-17d, 24a-24d, and 25a-25d, April 1969.

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EXAMINER: *Keice O. Rehm* DATE CONSIDERED: 14 APR 2006

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
KOR	C4	Brim and Burton, "Recurrent selection in soybeans. II. Selection for increased percent protein in seeds," <i>Crop Science</i> , 19:494-498, 1979.
KOR	C5	Burton, J.W. 1985. Breeding soybeans for improved protein quantity and quality. P. 361-367. In R. Shibles (ed.) <i>Proc. 3rd World Soybean Res. Conf.</i> , Ames, IA. 12-17, Westview Press, Boulder, CO, 1984.
KOR	C6	Burton, J. W. and Brim, C. A., "Recurrent selection in soybeans. III Selection for increased percent oil in seeds," <i>Crop Sci.</i> , 81: 31-34, 1981.
KOR	C7	Byth <i>et al.</i> , "Correlated truncation selection for yield in soybeans," <i>Crop Sci.</i> , 9:699-702, 1969.
KOR	C8	Caldwell <i>et al.</i> , "Selection value of phenotypic attributes in soybeans," <i>Crop Sci.</i> , 6:249-251, 1966.
KOR	C9	Ciansio and Fehr, "Genetic variability for soybean seed composition in crosses between high and low protein parents," <i>J. Agric. Univ. PR</i> , 66:123-129, 1982.
KOR	C10	Eshed <i>et al.</i> , "Less-than-additive epistatic interactions of quantitative trait loci in tomato," <i>Genetics</i> , 143:1807-1817, 1996.
KOR	C11	Fehr, "In: Soybeans: Improvement, Production and Uses," 2nd Edition, <i>Manograph 16</i> , p. 249 and 259, 1987.
KOR	C12	Fehr, Iowa State University. "Principles of Cultivar Development," vol. 1 Theory and Technique and vol. 2 Crop Species, Soybean, Published by Macmillian Publishing Company, New York, P. 360-376, 1987.
KOR	C13	Fulmer, "The soybean as a chemical factory," In: <i>Soybean Utilization Alternatives</i> , McCann (ed.), The Center for Alternative Crops and Products, Univ. of Minnesota, 1-12, 1988.
KOR	C14	GRIN Database Entry PI438065 (9 Aug. 1994), From The Internet http://www.ars-grin.gov .
KOR	C15	GRIN Database Entry PIS40555 (1988), From The Internet http://www.ars-grin.gov .
KOR	C16	Hanson <i>et al.</i> , "Genetic analysis of energy production in the soybean," <i>Crop Science</i> , 121-126.
KOR	C17	Hartwig, E. E., "Breeding productive soybeans with a higher percentage of protein," In: <i>Seed Protein improvement in cereals and legumes</i> , Vol. II, Intl. Atomic Energy Agency, Vienna, 59-66, 1979.

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EXAMINER: *Keith O. Polson* DATE CONSIDERED: *14 APR 2006*

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
KOR	C18	Hartwig, "Breeding soybeans for high protein content and quality," In <i>New approaches to breeding for improved plant protein</i> , International Atomic Energy Agency, Vienna, 1969.
KOR	C19	Hartwig, E. E., "Varietal improvement," In: <i>Soybeans: Improvement, production, and uses</i> , Caldwell (ed.), 1 st edition, Agronomy, 16:187-210, 1969.
KOR	C20	Hartwig and Hinson, "Association between chemical composition of seed and seed yield of soybeans," <i>Crop Sci.</i> , 22:829-830, 1972.
KOR	C21	Hymowitz, "Soybeans," In: <i>Evolution in crop plants</i> , Simmonds (ed.), Longman Group, London, 159-162, 1976.
KOR	C22	Johnson, H. W., "Breeding for oil and protein in soybeans," <i>Soybean Digest</i> , 21(11):73-75, 1961.
KOR	C23	Kraft <i>et al.</i> , "Linkage disequilibrium and fingerprinting in sugar beet," <i>Theor. Appl. Genet.</i> , 101:323-326, 2000.
KOR	C24	Kwon and Torrie, "Heritability of and interrelationships among traits of two soybean populations," <i>Crop Sci.</i> , 4:196-198, 1964.
KOR	C25	Leffel and Rhodes, "Agronomic performance and economic value of high-seed protein soybean," <i>J. Prod. Agric.</i> , 6:365-368, 1993.
KOR	C26	Leffel, R. C., "High protein lines and chemical constituent pricing in soybean," <i>J. Prod. Agric.</i> , 1:111-115, 1988.
KOR	C27	Mounts <i>et al.</i> , "Processing and utilization," In: <i>Soybeans: Improvement, Production and Uses</i> , Wilcox (ed.), Am. Soc. Agron., Madison, WI, 1987.
KOR	C28	Nickell and Bernard, "Registration of L84-5873 and L84-5932 Soybean Germplasm Lines Resistant to Brown Stem Rot," <i>Crop Sci.</i> , 32:835, 1992.
KOR	C29	Nickell <i>et al.</i> , "Registration of 'Hamilton' soybean," <i>Crop Sci.</i> , 30:1364, 1990.
KOR	C30	Openshaw and Hadley, "Selection indices to modify protein concentration of soybean seeds," <i>Crop Sci.</i> , 24:1-4, 1984.
KOR	C31	Orf, "Modifying soybean composition by plant breeding," In: <i>Soybean utilization alternative</i> , Univ. Minnesota Center Alternative Crops and Products, McCann (ed.), St. Paul, 131-141, 1988.

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EXAMINER: *Kris O. Palm* DATE CONSIDERED: 14 APR 2006

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KOR	C32	Pantalone <i>et al.</i> , "Soybean fibrous root heritability and genotypic correlations with agronomic and seed quality characteristics," <i>Crop Sci.</i> , 36:1120-1125, 1996.
KOR	C33	Plant Variety Protection Certification Application 9000006.
KOR	C34	Sebern and Lambert, "Effect of stratification for percent protein in two soybean populations," <i>Crop Sci.</i> , 24:225-228, 1984.
KOR	C35	Serretti <i>et al.</i> , "Amino acid profiles of high seed protein soybean," <i>Crop Sci.</i> , 34:207-209, 1994.
KOR	C36	Shannon <i>et al.</i> , "Estimated gains from selection for protein and yield in the F4 generation of six soybean populations," <i>Crop Sci.</i> , 12:824-826, 1972.
KOR	C37	Shorter <i>et al.</i> , "Estimates of selection parameters associated with protein and oil content of soybean seeds (<i>Glycine max (L.) Merr.</i>)," <i>Aust. J. Agric. Res.</i> , 28:211-222, 1976.
KOR	C38	Simpson and Wilcox, "Genetic and phenotypic associations of agronomic characteristics in four high protein soybean populations," <i>Crop Sci.</i> , 23:1077-1081, 1983.
KOR	C39	Sneep and Hendriksen, eds., "Plant Breeding Perspectives," Wageningen: Centre for Agricultural Publishing and Documentation, 1979. TABLE OF CONTENTS ONLY
KOR	C40	Thorne and Fehr, "Incorporation of high protein, exotic germplasm into soybean populations by 2- and 3-way crosses," <i>Crop Sci.</i> , 10:652-655, 1970.
KOR	C41	Wehrmann <i>et al.</i> , "Transfer of high seed protein to high-yielding soybean cultivars," <i>Crop Sci.</i> , 27:927-931, 1987.
KOR	C42	Wilcox and Cavins, "Backcrossing high seed protein to a soybean cultivar," <i>Crop Sci.</i> , 35:1036-1041, 1995.
KOR	C43	Wilcox, C1944 and C1945 Soybean Germplasm, <i>Crop Sci.</i> , 38(3):900, 1998.
KOR	C44	Wilcox, C1944, Accession No. PI 599584, USDA, ARS, National Genetic Resources Program, Germplasm Resources Information Network(GRIN), 1998.
KOR	C45	Wilcox, SN30017, Accession No. PI 599585, USDA, ARS, National Genetic Resources Program, Germplasm Resources Information Network(GRIN), 1998.
KOR	C46	Co-pending U.S. Patent Application No. 10/618,098 filed July 11, 2003.
KOR	C47	Co-pending U.S. Patent Application No. 10/194,992 filed July 11, 2003.

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EXAMINER: *Kate O. Polus* DATE CONSIDERED: 14 APR 2006

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Exam. Init.	Ref. Des.	Citation
KOR	C48	Co-pending U.S. Patent Application No. 10/618,103 filed July 11, 2003
KOR	C49	Co-pending U.S. Patent Application No. 10/194,453 filed July 11, 2002.

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EXAMINER: <i>Kris O. Rehm</i>	DATE CONSIDERED: 14 APR 2006
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